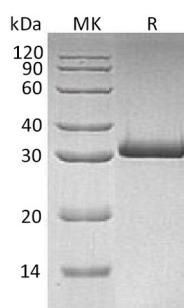


概述 (Summary)

英文全称	MBL-2/MBP-C
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human Mannose Binding Lectin 2 is produced by our Mammalian expression system and the target gene encoding Glu21-Ile248 is expressed with a 6His tag at the C-terminus.
Accession #	P11226
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	25.1 KDa
蛋白形态 (Form)	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, 5% Threhalose, pH 7.2.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

电泳图 (SDS-PAGE image)

Product Name: Recombinant Human MBL-2 (C-6His)
Catalog #: PHH1138



背景 (Background)

分子别名 (Alternative Names)

Mannose-Binding Protein C; MBP-C; Collectin-1; MBP1; Mannan-Binding Protein; Mannose-Binding Lectin; MBL2; COLEC1; MBL

背景介绍 (References)

Mannose-Binding Protein C (MBP-C) belongs to the Collectin family of innate immune defense proteins. MBL binds to an array of carbohydrate patterns on pathogen surfaces. Collectin family members share common structural features: a cysteine rich amino-terminal domain, a collagen-like region, an α -helical coiled-coil neck domain and a carboxy terminal C-type Lectin or carbohydrate recognition domain (CRD). MBL homotrimerizes to form a structural unit joined by N-terminal disulfide bridges. These homotrimers further associates into oligomeric structures of up to 6 units. Whereas two forms of MBL proteins exist in rodents and other animals. Human MBL-2 is 25 kDa. Human MBL-2 is a secreted glycoprotein that is synthesized as a 248 amino acid (aa) precursor that contains a 20 aa signal sequence, a 21 aa cysteine-rich region, a 58 aa collagen-like segment and a 111 aa C-type lectin domain that binds to neutral bacterial carbohydrates.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.